VERSION WITH MARKINGS TO SHOW CHANGES MADE:

IN THE CLAIMS:

Add the following claims:

24. (New) An electromotive drive, comprising:

an electric motor having a motor casing and a motor shaft received in the motor casing;

at least one fan wheel driven by the electric motor and having a hub,

a bearing unit for supporting the fan wheel to freely rotate with respect to the motor casing;

an electromagnetic speed limiting and governing device for controlling a supply of cooling air, said electromagnetic speed limiting and governing device including an electromagnetic slip coupling, which is disposed between the motor shaft and the fan wheel and so configured that at a predetermined motor speed an engagement action of the slip coupling with the fan wheel decreases to almost zero as the motor speed further increases, and increases to full engagement action as the motor speed drops again, and

wherein the slip coupling includes a configuration selected from the group consisting of a first configuration in which the motor shaft supports a permanent magnet arrangement and the hub of the fan wheel has an electrically conductive part, and a second configuration in which the fan wheel is provided with a permanent magnet arrangement and the motor shaft is provided with an electrically conductive part.

Cont.

25. (New) The electromotive drive of claim 24, wherein the fan wheel is mounted in a motor bearing plate of the motor casing.

26. (New) The electromotive drive of claim 24, wherein the motor casing has a bearing receptacle, wherein the bearing unit is seated with an outer bearing race in one of the bearing receptacle and motor bearing plate, wherein the hub has an annular flange supported against a rotating inner bearing race of the bearing unit.

27. (New) The electromotive drive of claim 24, wherein the electrically conducting part of the first and second configurations includes a sleeve of electrically conductive material.

28. (New) The electromotive drive of claim 27, wherein the sleeve is made of copper.

29. (New) The electromotive drive of claim 24, wherein at least one of the permanent magnet arrangement and the electrically conducting part of the first and second configurations has an annular shape.

30. (New) The electromotive drive of claim 24, wherein at least one of the permanent magnet arrangement and the electrically conducting part of the first and second configurations has segments of annular shape.

Bcont.

31. (New) The electromotive drive of claim 24, wherein the hub of the fan wheel is made of nonmagnetic material.

32. (New) The electromotive drive of claim 31, wherein the hub is made of aluminum.

33. (New) The electromotive drive of claim 27, wherein the fan wheel is made of plastic, and wherein the sleeve is received in the hub of the fan wheel.

34. (New) The electromotive drive of claim 24, wherein the permanent magnet arrangement and the electrically conducting part of the first and second configurations of the slip coupling are disposed in coaxial relationship to the motor shaft.

35. (New) The electromotive drive of claim 24, wherein the permanent magnet arrangement and the electrically conducting part of the first and second configurations of the slip coupling are disposed in radial relationship to the motor shaft.

Cont.

36. (New) The electromotive drive of claim 24, wherein the electrically conducting part of the first and second configurations of the slip coupling is formed by salient pole punchings for interaction with the permanent magnet arrangement to effect the speed limiting and governing device in dependence on the motor speed.

37. (New) The electromotive drive of claim 24, wherein the permanent magnet arrangement has a center which is axially offset in relation to a center of the electrically conducting part, wherein the electrically conducting part is formed as a cage.

38. (New) The electromotive drive of claim 24, wherein the bearing unit includes a single bearing.

39. (New) The electromotive drive of claim 24, wherein the permanent magnet arrangement of the first and second configurations of the slip coupling includes bar magnets received in bores of the motor shaft and in bores of the hub of the fan wheel, respectively.

40. (New) The electromotive drive of claim 24, wherein the fan wheel is freely mounted and supported by a motor bearing plate and configured for an encapsulated or enclosed-ventilated electric motor used for rail vehicles and track-bound vehicles for application as suction or pressure ventilation.

B' cancelled

41. (New) The electromotive drive of claim 24, wherein the permanent magnet arrangement and the electrically conducting part of the first and second configurations of the slip coupling are configured such that a maximum breakdown torque commensurate with a maximum engagement action between the motor shaft and the fan wheel is reached at the predetermined motor speed, which is sufficient to overcome a drop in pressure of an aerodynamic circuit.

42. (New) The electromotive drive of claim 24 for use in a three-phase traction motor capable of being operated at high speed.

REMARKS

This Amendment is submitted preliminary to the issuance of an Office Action in the present application.

Applicant submits herewith new claims 24 to 42 to encompass the full scope and breadth of the invention. No new matter has been added. A check in the amount of $342.00 to cover the surcharge for presenting nineteen claims in excess of twenty is enclosed.

When the Examiner takes this application up for action, he is requested to take the foregoing into account.

The Commissioner is hereby authorized to charge fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

Respectfully submitted,

By: _____
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